

# Wi-Fi

## GSM Home Alarm System



### Key Features

Wi-Fi network,internet push without charge

IP camera APP integrated in the alarm APP

Zone names can be revised by users

Work with RFID wireless keypad



CD-ROM

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# Preface

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Thanks for choosing our GSM+ Wi-Fi home alarm system. GSM+ Wi-Fi home alarm system has implanted the most advanced and popular Wi-Fi technology into traditional GSM alarm system technology, with very simple wireless set up and easy-read words OLED display.

It's very convenient for users to set up the alarm system via keyboard or APP. Compared with traditional SMS APP, Wi-Fi APP is much more simple and quicker operation.

Caution: To ensure that you can enjoy the impeccable warranty service, do not open the host-housing to repair and renovation by yourself or we will not provide free warranty service. All the losses and the adverse consequences it makes will be assumed by users.



## Key features

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1. WIFI + GSM+GPRS word menu home alarm system.
2. Android + IOS APP application easily control, Easily Authorized.
3. Notification push via Wifi, compare with traditional SMS, it's free.
4. Work with IP camera, The IP camera APP intergrated in the host APP. you can view the IP camera by phone.
5. Workable with RFID wireless keypad ,support doorbell function.
6. Zone names can be revised by users.
7. Relay usages name can be revised by users.
8. Independent zones. Every zone can be set be independent zone, which can be only disarmed by APP and alarm host keypad.
9. Leaving message remotely in APP. When leaving message in APP, such as: I will go home late,don't wait for me.Next the message is automatically mapping to the host. Users will see LCD display note to remind.
10. Information push promptly when AC power lost or recovered or detectors in low voltage.
11. Build-in wireless transmitter, can control 1pcs wireless 4-channel relay output and wireless sound&strobe siren.
12. 96 wireless zones +4 wired defense zones ,can store 6 alarm call phone No.
13. Wireless encoding between host and detectors
14. Arm/alarm Delay for each defense zone. Timed arm/disarm function.
15. 10-second voice message recording.
16. Support Monitoring and two-way intercom function.
17. The host can be used as a hand-free phone.

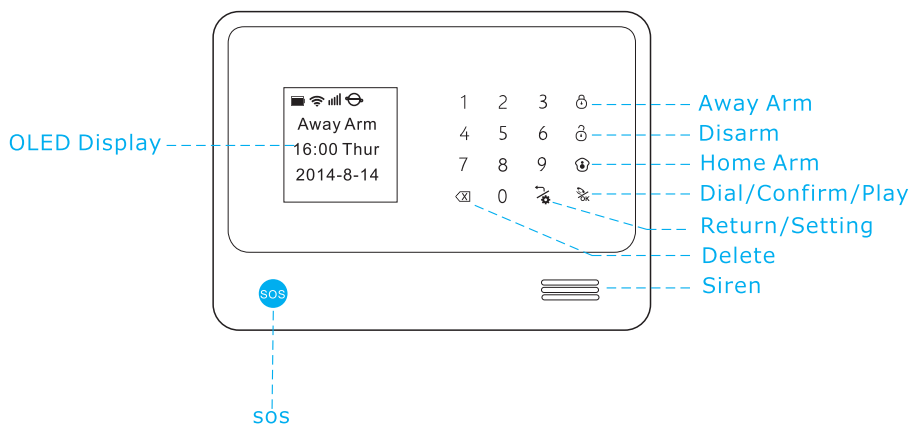
## Technical information

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- Power supply: AC=100~230V 50Hz/60Hz
- Working voltage: DC12V 1A
- Static current: < 35mA (when not in charging)
- Alarm current: < 120mA
- Backup Battery: 3.7V 1050mAh
- Standby time: Around 36 hours
- Charging time: 10 hours
- GSM frequency: 850/900/1800/1900MHz
- WiFi frequency: 2.4G
- GSM Transmission power: 2W
- Receiving and emitting frequency: 433MHz (868MHz)

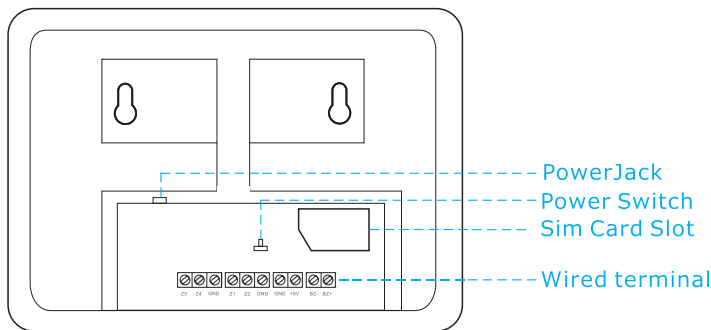
## Front panel view:

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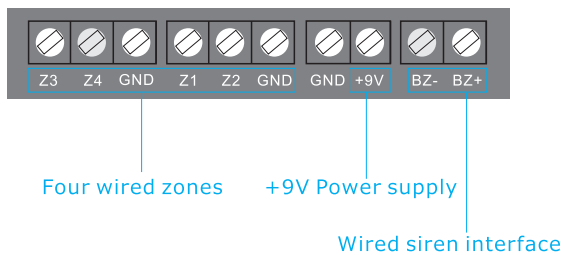
# Back panel view

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# Back panel view

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# Away arm

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After press away arm button, all the sensors will work.

## Home arm

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After press home arm , sensors in 1st defense line and 24 hours defense line will work . While sensors in 2nd defense line won't work.

## Disarm

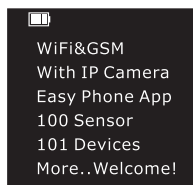
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After press disarm button, all the sensors will not work except sensors in 24 hours defense line .

## Initialization


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First install sim card and power the alarm host with adapter, then switch on the alarm host; after 10 seconds, GSM signal icon and battery icon appear on the LCD display, then initialization success.



## System setting

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Touch  button, input 4 digital administration passwords, then can enter the setting menu for all the functions. If without further operation for 35 seconds, alarm host will return to first page.

**Note:** the default administration password is [0000]

# How to use App



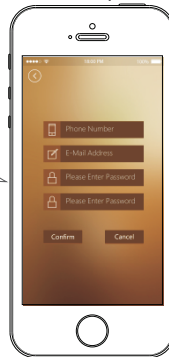
Apple user search:"e wifi gsm alarm system"



Android user search:"WiFi GSM alarm system"

User need input phone number, E-mail address, password in this interface.

Firstly User need to register in APP.



## APP main interface

🔒 Away Arm, 🏠 Home arm/Stay arm, 🚪 Disarm, 🗣️ voice message.  
📹 IP camera function, 🏠 Home automation function, 📞 Call alarm host function, 📅 history checking function, ⚙️ setting alarm host function.


## Voice message function

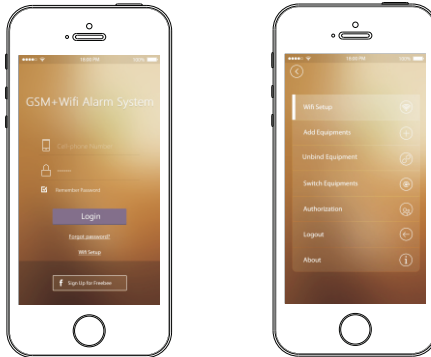


Hold on pressing "message" button, record your voice message ,such as "don't wait for me for dinner ,I will go home late today",this voice message will be automatically mapping to the host. If user want to record a new voice message, just press "message" button again to start a new memo, the new voice message will cover the old voice message automatically.

## Connect WIFI network for alarm host

There are two way to connect WiFi network.

Firstly, log in APP application, click  button at top right corner of APP main interface. Secondly, click "WiFi setup" .





### Android:

Users can choose **Manual mode** and **Automatic mode** to bond WiFi for panel. If users choose automatic mode to connect WiFi for panel, the APP will switch from WiFi hotspot to IWTAC automatically in the background. If choose manual mode, users should manually switch WiFi hotspot to IWTAC. Users can follow the guidance to bond WiFi for panel.

### Automatic mode

Step one: confirm the panel has charged by adapter

Step two: press  , input admin password(default 0000), touch 

Step three : choose WiFi submenu and click " WiFi bonding"



Step four: wait until the LCD display shows "Go to mobile click 'Connect'on APP"

Step five: turn to APP interface, input WiFi name and password, then click " connect"

The panel screen will shows WiFi connection procedure automatically. When it shows "Success", that means WiFi connection successful.

## Manual mode:

Step one: confirm the panel has charged by adapter

Step two: press  , input admin password(default 0000), touch 

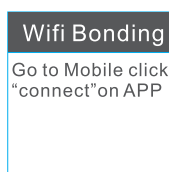
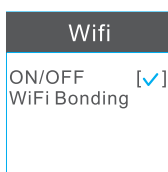
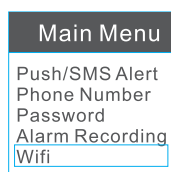
Step three : choose WiFi submenu and click " WiFi bonding"

Step four: wait until the LCD display shows "Go to mobile click 'Connect'on APP"



Step five: turn to the WiFi menu of smartphone, click the "IWTAC"

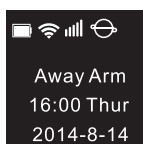
Finally, turn to APP interface, input WiFi name and password, then click " connect"

The panel screen will shows WiFi connection procedure automatically. When it shows "Success", that means WiFi connection successful.



When connect Wi-Fi success,  
APP will appear "smart config  
succeed"

When both wifi icon  and server icon  appeared on first page,  
then means alarm host connect Wi-Fi network successfully.



## IOS:

Firstly, enter APP WiFi setup interface.

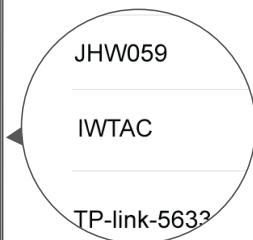
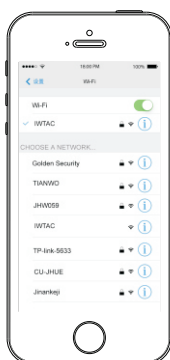
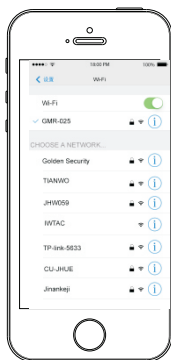


Secondly, turn to alarm host, power the panel with adapter, log into host main menu on setting, find WiFi menu and then choose WiFi bonding.

Main Menu	Wifi	Wifi Bonding
Push/SMS Alert Phone Number Password Alarm Recording Wifi	ON/OFF <input checked="" type="checkbox"/> Wifi Bonding	Go to Mobile click "connect" on APP

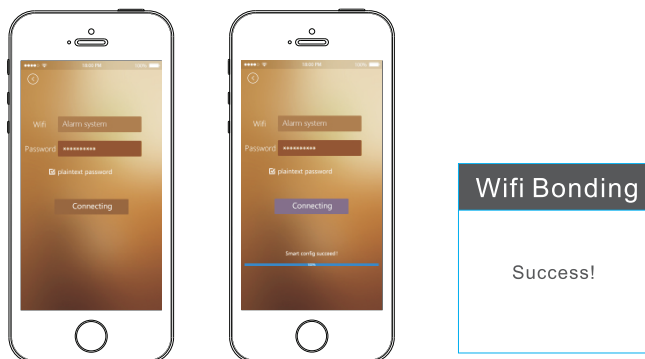
Now, panel enter AP mode

Thirdly, after the OLED display " Go to mobile click 'Connect' ",users now press "home" button on iPhone to enter smart phone main interface, find the WiFi setting page. At this time users can see the IWTAC hotspot which is also the hotspot of panel showed on iPhone. Users can connect iPhone with this hotspot, no need to enter password.







Fourthly, after successfully connect iPhone with IWTAC, users now can operate APP, enter WiFi name and password . Click “Connecting”, then panel and APP enter bonding process.




Fifthly, wait several seconds, then notification of operation succeed will pop up both on panel and APP.

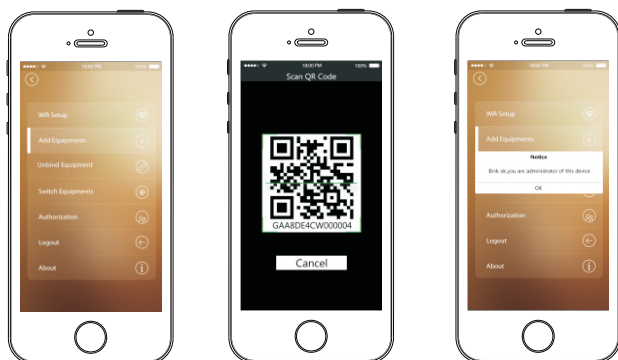
Finally, after bonding success, APP will exit WiFi setup interface. When both wifi icon  and server icon  appeared on first page, then means alarm host connect Wi-Fi network successfully.

Now users can add equipment via using APP scan the QR code(take below “Add equipment” for reference). After adding equipment successful, users can use APP control the panel.

**Note:** when external power is cut off, alarm host will stop work with Wifi network. Its backup battery will support the host work with GPRS and GSM network,as backup battery can’t support Wifi working.





## How to add alarm host

Firstly, log in APP application, click  button at top right corner in APP main interface. Then Choose sub-menu “add equipment”,popping the below picture to scan the QR Code.



Note: for IOS APP, after users successfully bond WiFi for alarm panel, users need manually set iPhone reconnect with WiFi network; or users can wait about one minute so that iPhone will automatically reconnect with WiFi network. Then users can add equipment.

# Learning alarm sensors

Step one: press  , input admin password(default 0000), touch   
Step two: choose "learning sensor", touch   
Step three : trigger the sensor , the host will display "success"  
Step four : choose the zone type/sensor type  
Step five: choose the alarm type/defense line  
Step six : enable/disable functions of delay alarm, join link, detect door, door chime and independent.  
Finally click  to save all settings.

Main Menu
<input type="text" value="Learning Sensor"/>
Register
Defense Zone
Wireless Siren
Push/SMS Alert

Study Sensor
is learning

Zone Type
<input type="text" value="Door Sensor"/>
Glass Detector
Gas Detector
Smoke Detector
SOS Detector

Alarm Type
<input type="text" value="24 Hours"/>
1st
2nd

Zone Attribute	
Delay Alarm	[ ]
Join Link	[ <input checked="" type="checkbox"/> ]
Detect Door	[ ]
Door Chime	[ ]
Independent	[ ]

## Zone type

Under this menu, user can choose alarm sensor type, such as door/window sensor, gas detector, PIR motion sensor, fire detector, etc.

Defense line

- ① 24H defense line: it means 24 hours protection, the alarm sensors in this line will trigger the alarm system whenever in arm status or disarm status, usually panic button, smoke detector, gas leakage sensor, etc. should learn to 24H defense line.
- ② 1st defense line: it means perimeter protection, the alarm sensors in this line will work in both away arm and home arm modes.
- ③ 2nd defense line: it means interior protection, the alarm sensors in this line will only work in away arm mode, but will be de-activated in home/stay arm mode.

Zone attribute

- ① Alarm delay: Alarm delay setting is that the host will not alarm until delayed time arrives. Touch 4< to active and touch 6> to de-active this function.  
*Note: for alarm delay time setting part, should refer to the menu “time set”, and choose “alarm delay” sub-menu, enter time 00 to 99 sec for delayed time.*

Main Menu	Time Set	Alarm Delay	Alarm Delay
Phone Number Password Alarm Recording Wifi Time Set	Set Time Zone Build-in Siren Arm Delay Alarm Delay Auto Arm/Disarm	Enter Time 00 Sec	update...

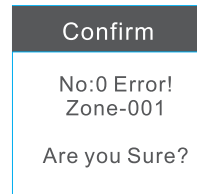
- ② Join link: If alarm sensor choose “join link”, then means this alarm sensor will active to work, if not chosen means will not work anytime in any status. Touch 4< to active and touch 6> to de-active this function. (factory default is active)

Zone Attribute	
Delay Alarm	[ ]
Join Link	[✓]
Detect Door	[ ]
Door Chime	[ ]
Independent	[ ]

- ③ Detect Door: if the door/window sensors choose “detect Door”, then those sensors will have smart zone function. That is, when users away arm alarm host, the system will automatically check whether doors and windows are closed; alarm host will remind users which door or window is open.

**Note:** This function is only available for two way door/window sensor.

When users away arm alarm host on panel or away arm host with remote controllers, if the door sensor has not closed, the panel won't away armed successfully, OLED will display as below. Users can press OK button to mandatory away arm the panel.



When users use APP away arm the alarm host. If the door sensor is open, users can successfully away arm the panel, at the mean time, host APP will send push to remind users which zone need to close.

- ④ Door Chime: this function is suitable for main entrance gate installation to remind home owners that someone is coming in when the alarm system in home arm or disarm status. Firstly, user need to program door sensor which want to set door chime function in 2nd defense line. secondly open door chime function under the “zone attribution” menu. After setting succeed, if alarm system in disarm or home arm status, somebody open the main entrance gate, alarm host will make sound like “ding-dong”.

Zone Attribute	
Delay Alarm	[ ]
Join Link	[ ]
Detect Door	[ ]
Door Chime	[✓]
Independent	[ ]

- ⑤ Independent: Every zone can be set to be independent zone, which can only be disarmed by APP or alarm control panel, but can't be disarmed by remote controllers. The feature is suitable for important rooms or private rooms.


Zone Attribute	
Delay Alarm	[ ]
Join Link	[ ]
Detect Door	[ ]
Door Chime	[ ]
Independent	[✓]

## How to learn RFID keypad

Step one: press , input admin password (default 0000), touch 

Step two: choose "learning sensor", touch 

Step three: press the tamper switch of keypad, the host will display "success"




Step four: choose the zone type as "RFID Detector", and click .

Step five: learning success.

<b>Main Menu</b> Learning Sensor Register Defense Zone Wireless Siren Push/SMS Alert	<b>Study Sensor</b> is learning	<b>Study Sensor</b> Success...
<b>Zone Type</b> Water Detector PIR Motion Bean Detector Remote RFID Detector	<b>Study Sensor</b> Success...	

## How to learn wireless relay output

Firstly, Connect wireless relay outputs with power adapter. To delete previous setting, user can long press the Programming button about 6 seconds until the LED indicator lamp lights on again, then means it return to factory setting successfully.

Secondly, turn to alarm panel, touch  button ,input 4 digital administration password,choose “Register” menu, touch  button to enter into sub-menu, choose Device 4/5/6/7 and touch  button to confirm. OLED will display“Register...”.

Thirdly, press the learning button of relay, the indicator light of relay will flash and relay make switch sounds. About 15s later, the light will stop flash and sounds stop also. OLED will display “Register Completed!”, then means learning succeed.

Fourthly, disconnect power adapter from relay. And then reconnect power adapter for relay. Now users can go to control relay output in the “Automation” of smartphone APP.

For more relay output setting details, users can turn to page 37 “The instruction for use wireless relay outputs”.

Main Menu	Register	RF Device No.1	RF Device No. 1
Learning Sensor Register Defense Zone Wireless Siren Push/SMS Alert	Device-4 Device-5 Device-6 Device-7 RF Socket	Register...	Register Completed!

## How to learn smart socket

Step one: press  , input admin password(default 0000), touch 

Step two: choose "Register", touch 

Step three : choose "RF Socket" , touch 

Step four: long press learning button of smart socket until its LED light turn on.

The LED light will flash slowly when the socket is coding with alarm host.

If the LED light quickly flash two times,it means coding succeed.

**Note:** if the LED light quickly flash five times,that means this smart socket have learned into other alarm host. User should delete that smart socket from other alarm host and then try to learn it again.

Finally,when learning succeed,the alarm host LCD display "Complete!".

Register	RF Secket	RF Device No.1
Device-4 Device-5 Device-6 Device-7 RF Socket	Register...	Complete !

## How to learn indoor/outdoor sirens

Step one: press  , input admin password(default 0000), touch 

Step two: choose "wireless siren" and press 

Check the siren function is "ON" and choose siren type  
(take page 19 for reference)




Step three: return to main menu and choose "Register", then press 

Step four: choose "RF indoor/outdoor siren"

Step five : long press type B siren learning button 2s, or short press type A siren learning button

Finally LCD display "Complete!", then learning succeed .

## Wireless defense zones

Touch  button, input administration password(default: 0000), choose "Defense zone" menu, Touch  button to save operation. All the alarm sensors learned into alarm host would be automatically listed on screen. Users can choose one sensor and touch  button to review, edit and delete that sensor.



## Review

If the chosen alarm sensor has been already set zone type, defense line, zone attribute, etc. then user can choose review to check the previous setting history.

Main Menu	Zone-001	Review	Defense Zone
Learning Sensor Register Defense Zone Wireless Siren Push/SMS Alert	Zone-001 Zone-002 Zone-003 Zone-004 Zone-005	Review Edit Delete	<Sensor Type> Door Sensor <Alarm Type> 1st

## Edit

Under the edit menu, user can set zone type of the chosen alarm sensor , type defense line, zone attribute information or revise previous zone setting information.

Edit	Zone Type	Alarm Type	Zone Attribute
Review Edit Delete	Door Sensor Glass Detector Gas Detector Smoke Detector SOS Detector	24 Hours 1st 2nd	Delay Alarm [✓] Join Link [✓] Detect Door [ ] Door Chime [ ] Independent [ ]

## Delete









User can delete the learned alarm sensors from this menu.

Delete	Confirm
Review Edit Delete	Are you sure?


Revise zone name: user should refer to APP to revise zone name

(take page 31 for reference)







## Wireless siren

Touch  button, input administration password(default: 0000), users can choose "wireless siren" and then touch  button to enter into sub-menu, choose "Siren On/Off" to active or de-active wireless siren. Touch  to active and touch  to de-active wireless siren, choose "Siren Type" to set A or B for siren. Touch  to set A and touch  to set B. and touch  button to save operations, then user can input the siren ringing time (from 000 Sec to 999 Sec) in this sub-menu and press  button to save operation.


Note: the factory default siren ring time is 300 Sec.



Main Menu	Wireless Siren	Wireless Siren
Learning Sensor Register Defense Zone Wireless Siren Push/SMS Alert	Siren On/Off  Siren Type [B]	Enter Time 300 Sec

Note: the default siren type is type B, users need to set right siren type firstly before sirens learning.

Siren	Siren Type[A]/[B]	Siren	Siren name
	[A]		[A][B]
	[A]		[B]
	[A]		[A]

## Push Alert


This Function is for setting AC fail and recover alert, Arm/Disarm alert, alarm host battery low voltage alert, sensor low battery alert, Wi-Fi ok or disconnect alert. Touch  button, input 4 digital administr

-ation password, user may choose “Push/SMS alert”.Enter the sub-menu Touch  to active and touch  to de-active the chosen function .Once active the listed event report, users can receive push alert when events happen.

Main Menu	Push/SMS Alert	Push/SMS Alert
Learning	AC Fail <input checked="" type="checkbox"/>	Battery Low <input checked="" type="checkbox"/>
Register	AC ok <input type="checkbox"/>	Sensor Low <input type="checkbox"/>
Defense Zone	Arm/Disarm <input type="checkbox"/>	Wifi ok <input type="checkbox"/>
Wireless Siren	Battery Low <input type="checkbox"/>	Wifi Discon <input type="checkbox"/>
Push/SMS Alert	Sensor Low <input type="checkbox"/>	Door close <input type="checkbox"/>


## Alarm call phone numbers setting

User can set maximum 6 groups alarm call phone numbers.

Step one: press  , input admin password(default 0000), touch 

Step two: choose “phone number” menu and press 

Step three :choose one group and touch  , then enter phone number

(Or user can press  to delete the old phone number then enter new phone number)

Finally press  to save settings.

Main Menu	Phone Number	Phone Number	Phone Number
Register	No Number	13555555555	update...
Defense Zone	No Number		
Wireless Siren	No Number		
Push/SMS Alert	No Number		
Phone Number	No Number		

## Modify User/Admin password

Step one: press  , input admin password(default 0000), touch 


Step two: choose “phone number” menu and press 

Then user can revise “user password” and “admin password” .

Main Menu	Password	Password	Modify Pin
Defense Zone Wireless Siren Push/SMS Alert Phone Number <input type="text" value="Password"/>	<input type="text" value="User"/> <input type="text" value="Admin"/>	New: <input type="text" value=""/> Confirm: <input type="text" value=""/>	<input type="text" value="update..."/>



Note: the factory default User password is 1111  
the factory default Admin password is 0000

## Alarm recording.

Touch  button, input 4 digital administration passwords, user may choose "Alarm Recording" to start to record voice message. This voice message will be displayed when user answers alarm call.

Main Menu	Alarm Recording
Wireless Siren Push/SMS Alert Phone Number Password <input type="text" value="Alarm Recording"/>	<input type="text" value="Recording..."/>

## Wi-Fi

1. Users can turn ON/OFF the WiFi connection function for panel. Touch  to turn on and touch  to turn off this function(factory default is ON).
2. WiFi bonding: for this part setting, user should refer to APP introduction to connect WiFi network for panel. (take page 7-10 for reference)

Note: users should confirm the Wifi connection function is ON and users should remember to power on panel with adapter before Wifi connection.

Main Menu	Wifi
Push/SMS Alert Phone Number Password Alarm Recording <input type="text" value="WiFi"/>	ON/OFF <input checked="" type="checkbox"/> <input type="text" value="WiFi Bonding"/>

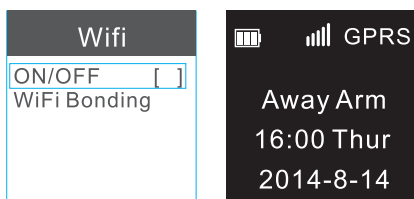
## About GPRS function

When SIM cards have access to GPRS function, alarm host will work with GPRS network in below two cases.

- A. alarm host work with WiFi, while suddenly AC power failure, then alarm host will automatically switch to work with GPRS network. (Later when AC power recover, the alarm host will automatically switch to work with Wifi network)

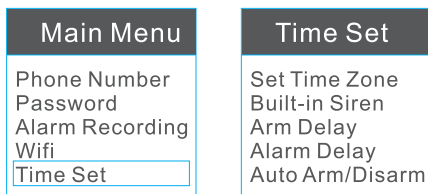
**Note: when the AC power is one but WiFi off, alarm host can not automatically switch to work with GPRS.**

- B. If users have turned off WiFi connection function on alarm host, then the alarm host will work with GPRS network.



## Time Set

This Function is for setting time for time zone, build-in Siren, Arm delay, Alarm delay, Auto Arm/Disarm etc.



### ① Set Time Zone

This function is for auto timing via internet. Under this sub-menu, after user choose time zone, alarm host will auto timing.

### ② Built-in Siren

This function is for setting the ringing time of build-in siren, user can choose 000 Sec to 999 Sec. If choose 000 Sec, then means when alarming, alarm host will keep mute.

Time Set	Built-in Siren	Built-in Siren
Set Time Zone Built-in Siren Arm Delay Alarm Delay Auto Arm/Disarm	Enter Time 300 Sec	update...

### ③ Arm delay

Arm time delay setting is that the host will not be armed until delayed time arrives. this function is mainly used for touch“arm”button in alarm host to arm the system and leave time for user to deviate from house .


Time Set	Arm Delay	Arm Delay
Set Time Zone Built-in Siren Arm Delay Alarm Delay Auto Arm/Disarm	Enter Time 00 Sec	update...

### ④ Alarm delay

First user should active “alarm delay”function under the sub-menu of “zone attribute”which is mentioned in page 13 . Then set time for delayed alarm. This function is usually applied to leave time for disarm via touching“disarm”button on alarm host panel.

Time Set	Alarm Delay	Alarm Delay
Set Time Zone Built-in Siren Arm Delay Alarm Delay Auto Arm/Disarm	Enter Time 00 Sec	update...

### ⑤ Auto Arm/Disarm

In total user can set three groups auto arm/disarm time .Under “Time Set”, choose sub-menu “Auto arm/disarm”, choose “timer 1” as first group, enter arm time and disarm time, and then press left/right button to choose day, press  button to save.

<b>Time Set</b> Clock Built-in Siren Arm Delay Alarm Delay Auto Arm/Disarm	<b>Auto Arm/Disarm</b> TIMER1 TIMER2 TIMER3	<b>Arm/Disarm Time</b> Arm OnTime: 10:00 Arm Off Time: 12:00
<b>Day Select</b> Wednesday [✓] Thursday [ ] Friday [ ] Saturday [ ] On/Off [ ]	<b>Auto Arm/Disarm</b>  update...	


## ⑥ Key light time

Under “Time Set”, choose sub-menu “Key light time”, and then enter time (00~99)(seconds).press  button to save.

<b>Time Set</b> Built-in Siren Arm Delay Alarm Delay Auto Arm/Disarm Keylight Time	<b>Keylight Time</b> Enter Time 00 Sec	<b>Keylight Time</b>  update...
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**Note:** if there is no further operation within key light time, then the panel will exit setting status.

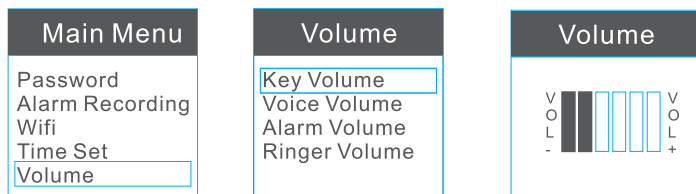
## ⑦ Call in Setting

Under “Time Set”, choose sub-menu “Call in Setting”, and then enter ringtime(00~99)(seconds).press  button to save.

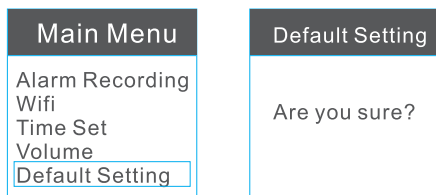
<b>Time Set</b> Arm Delay Alarm Delay Auto Arm/Disarm Keylight Time Call in Setting	<b>Call in Setting</b> Enter Time 00 Sec	<b>Call in Setting</b>  update...
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## Volume

Touch  button, input 4 digital administration passwords, choose "volume" menu, touch  button to enter system volume setting menu. In total user can set key volume, voice volume alarm volume and ringer volume.

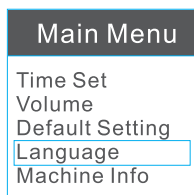


## Default Setting

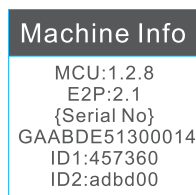


Note: if users set panel to default setting. Please remember to switch off the panel and then switch on the panel. After that, panel will automatically reconnect with previous Wifi network, or users can bond new Wifi for panel.

## Language



## Machine Info







User can switch languages for multi-language panels.



## Call up

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It means alarm host can be used as a hand-free phone:

- (1) User can make dial directly from alarm host, touch phone number on numeric keypad then touch  to make dial, after finish conversation touch  again to end the call.
- (2) User can make dial to alarm host, the person beside the alarm host can touch  to answer the call. after finish conversation touch  again to end the call.

## Answer alarm call

When the alarm host make alarm. Firstly it will send alarm push to smartphone. Then it will dial the preset numbers. If no one answers the call, the host will call the next user number automatically. If you answer the call, you will hear the pre-record voice "press one to arm, press two to disarm, press three to monitor, press four to intercom". You can set the host via your smartphone keypad.

Press[1]: the host stops alarming to Arm; it stops calling users.

Press[2]: the host stops alarming to Disarm; it stops calling users.

Press [3]: the siren will stop ring and the host will start monitor.

Press [4]: start talkback.

## Remote phone call control

User can use telephone to make a call to remote control panel. After the ring, user will hear the voice "Please enter password". Then users can input user password (Default user code is 1111) and then press "#" to confirm. For wrong password, users will hear the voice: "wrong password, please enter password again". For correct password, users will hear the voice "press one to arm, press two to disarm, press three to monitor, press four to intercom".

Press[1]: the host stops alarming to Arm; it stops calling users.  
Press[2]: the host stops alarming to Disarm; it stops calling users.  
Press [3]: the siren will stop ring and the host will start monitor.  
Press [4]: start talkback.

## Remote SMS control

Note: Please take the Wi-Fi /GPRS network for prior as SMS control would be chargeable. While the APP push via WIFI won't need any cost.

1.Operation and cooresponding SMS as below :

Disarm : #+user password+D+#

Away Arm : #+user password+A1+#

Home Arm: #+user password+A2+#

Check Status : #+user password+C+#

For example

The alarm host default user password is 1111. User can send SMS "#1111D#" to Disarm panel

2. Connect Wi-Fi network for panel via SMS (Please connect the power adapter for panel before this operation )

The SMS content is "#+user password+W1+SSID name, password+#".

If operation succeeds, users will receive a SMS "Wi-Fi bonding success".

For Example:

If router SSID name is "apple" and the Wi-Fi password is "hello1234".

We can send SMS "#1111W1apple,hello1234#" to the alarm host and connect Wi-Fi for it.

# More settings on APP application

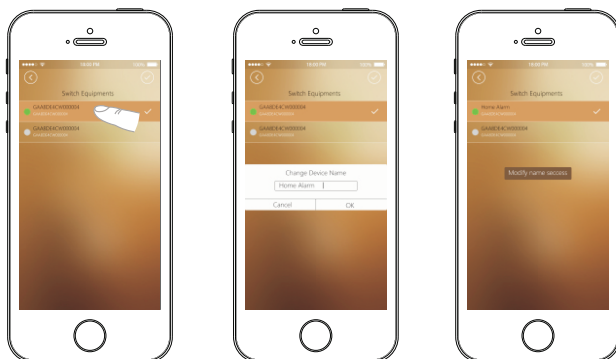
## Unbind alarm host

Firstly, log in APP application, click ☰ button at top right corner in APP main interface. Then Choose sub-menu “Unbind equipment”,popping the below picture ,user can touch “Unbind” to unbind the present equipment. Once unbinding success, popping tip “OK”.



## Switch alarm host

First, log in APP application, click ☰ button at top right corner in APP main interface. User can touch “Switch Equipment”,popping the below picture ,and Short touch device name to switch the system.

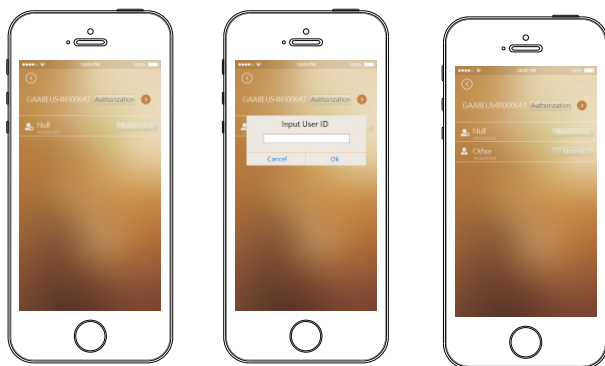


1.The icon ● turns green, means this device is online;if the icon ● turns gray, means this device is off line.For example in picture 1 device name GAA8DE4CW000030 is online and GAA8DE4CW000003 is off line.

2. Long press device name showed as picture 2 to revise device name. it will pop-up the dialog box as picture 3,input the new device name in dialog box, touch ok button to confirm. After appear the tip “modify name success”,then modify device name succeed.

## Introduction of administrator give authorization to other users

The APP administrator can give authorization to other 3 users. Maximum 4 user ID can use APP to control alarm host . The other 3 users need to download APP and sign up (Register) firstly and get the right to be authorized, then administrator can successfully give authorization. Operations as below: log in APP application, click ☰ button at top right corner in APP main interface. Then Choose sub-menu “Authorization”.



Click “ Authorization” button. For Android smartphone, users can choose “ Phone address book” and “Input user ID” to authorize 3 other users. For iPhone, users can only choose “Input user ID” to authorize 3 other users. User ID is the phone number of other user who need to be authorized.

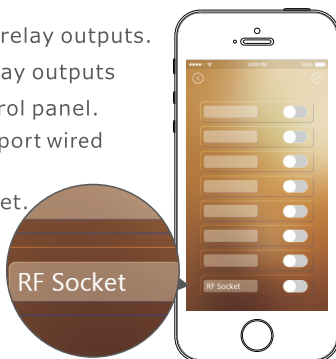
The default administrator name is "NULL", users can press the "Relationship" button and then revise administrator name.

**Note:** authorize 3 phone No. at most. The 3 authorized users can control panel directly without scan QR code again..

## How to control smart socket and relay outputs

For the method to learn wireless relay output/smart socket, user can take page 16-17 for reference. After learn the relay output/smart socket successfully, user can control them directly on below APP interface.

- Device 4 to Device 7 is for wireless relay outputs.
- Device 0 to Device 3 is for wired relay outputs located in the behind of alarm control panel.
- RF socket is for wireless smart socket.



## Quick call to alarm host

User can set the alarm host number in APP, then user can make a quick call to host via press

Setting procedure: touch button, click "phone NO." setting. Then input host SIM card NO. and click to save.



After store alarm host phone number successfully, user can touch button to call alarm host directly of listen-in what happen in house or intercom with the person beside alarm host

## History checking function

The history checking includes all pushes history and different type of alarming history.

## Alarm host settings

It includes host setting, zone attribution setting, and wireless siren setting.

- Alarm host setting is for phone No. Setting, build-in siren ring time, arm delay, alarm delay, call in setting, auto arm&disarm,push/SMS alert, key press volume and keyboard lock setting. All the functions setting listed in this page are same meaning as alarm host function setting.
- Zone attribution setting, all the learned alarm sensors will be listed in this page automatically.

From zone-97 to zone-100 is for wired alarm sensor setting.

From Zone-1 to Zone-96 is for wireless alarm sensors setting.

Touch each zone number, the popping sub-page is for detailed function setting, including revising zone name(limitation for 16 letters),join linkage, door Chime and independent zone setting.



- Wireless Siren setting, user can revise siren name, join linkage or not, set alarm time in this page.





## How to add IP camera

To better experience the convenience of this product, before using this product, please download the Phone App.

- IOS users can go to the APP Store to search and download IP camera App: "yoosee"
- Android users can visit the website([www.yoosee.co](http://www.yoosee.co))to download IP camera App: "yoosee"

Install IP camera APP in smart phone and register.

Enter alarm panel APP interface, press  monitor button to enter IP camera "Device List" interface, press  button on the top right corner, users will see two ways to add IP camera, that is "smartlink" and "manual Add".

**Smartlink:** users need to power on IP camera with adapter. Choose "smartlink" to enter next interface, click "Next" to enter next interface, then fill in the WiFi password and click "Next". Wait for some time, click "OK" when APP tips "setting success". Then the APP shows IP camera ID, input the device password(default:123) and click "save" button, then adding succeed.

**Note:** after adding succeed, if there is exclamatory mark beside the device, users should change more complex password for IP camera.

Manual Add : Firstly, choose “manually” to enter “Add device” interface.



Secondly: Users can enter IP camera ID , input device name and input device password. Press **OK** to finish adding.

**Note:** IP camera ID is at the bottom sticker of IP camera. Users can define device name and default device password is 123.



Thirdly: Power on the IP camera and then connect IP camera with network cable. Then the IP camera can connect with network. Refresh “Device list”, then users can see that IP camera would be “online”.





Fourthly:Connect IP camera with WiFi network.

Click that IP camera device, appear “playback”, “setting” and “edit” buttons.Choose “Setting” to enter below interface.

Fifthly:Choose “Network Settings” to enter below interface.



Sixthly:Choose the accessible WiFi in the list, enter password, and press OK button to finish setting.

Finally:Then device can work with WiFi network and users can pull up the network cable.

Then press next step to finish installation.After installation, Once IP camera is online(connect Power and Wi-Fi/wired internet), user can check what is happening in his house anytime and anywhere.

## Logout

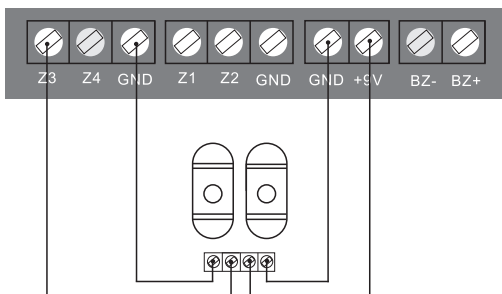
User can touch  button to return to login page.

## Wired zones sensor connection

Only mainstream wired sensors will be introduced here, such as wired beams, wired indoor PIR sensor and wired door sensor. These three kinds of wired sensors powered by panel, so users need to connect them with panel power terminal.

### Wired Beams

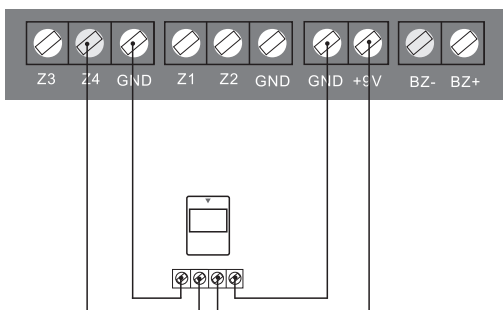
users need to connect beams positive wire with +9V power terminal on panel and connect beams negative wire with GND terminal on panel. Wired beams signal output terminal should be connected with Z1/Z2/Z3/Z4 terminal on panel, the other output terminal should be connected with GND terminal on panel.



**Note:** For wired beams detector, its power consumption is a little large, so if install over than 2 pairs beams, need to use external power supply.

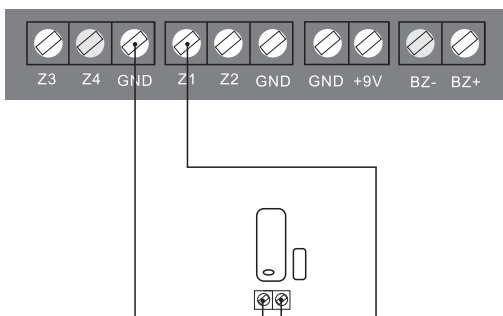
### Wired PIR motion sensor

users need to connect PIR positive wire with +9V power terminal on panel and connect PIR negative wire with GND terminal on panel. Wired PIR signal output terminal should be connected with Z1/Z2/Z3/Z4 terminal on panel, the other output terminal should be connected with GND terminal on panel.

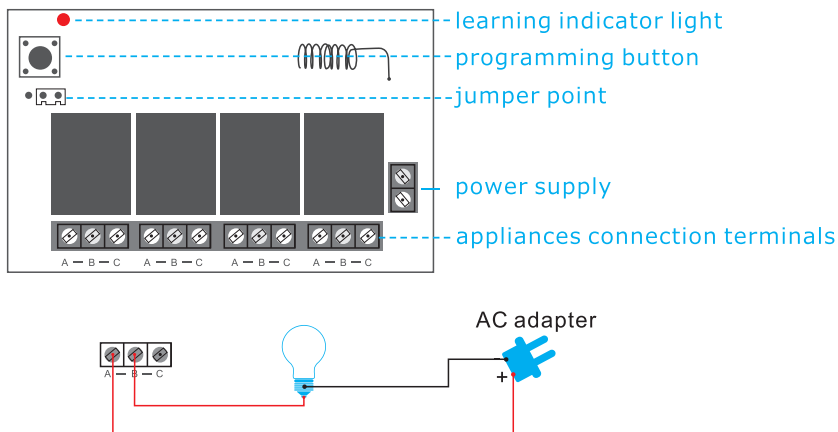


## Wired door sensor

users need to connect one output terminal with Z1/Z2/Z3/Z4 terminal on panel and connect the other output terminal with GND terminal on panel.

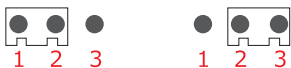


# Wireless relay output



## Attention:

When you plug the Jumper between the 1, 2 pins, four bulbs will simultaneously be opened and closed, or opened /closed several of them; when Jumper between the 2, 3 pins, you can only turn on one bulb once, for example, if you have already opened the '1' bulb, when open the "2" bulb, the '1' bulb will go off.



There are four groups of "A/B/C" in a relay and one group will control one set of circuit. As known to all that only a closed circuit formed the appliance works, that's to say the relay is a switch in this circuit.

For example: If you would like the bedside lamp controlled by the first group, simply cut off the Fire Wire of bedside lamp circuit and reconnect the two sides of A B. Of course, you can also be cut off the zero line to plug in A and B of the first group as well. Same goes for the second, third and fourth group.

# Maintenance

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## System detection

Alarm system need regular care and maintenance and detection to ensure they work stable, reliable and safe. Normally the host needs a thorough inspection every 3 months and the detectors need to be checked once a month.

- ❗ Whether the host normally dials up the telephone numbers.
- ❗ Whether the host can receive detector signal and whether its backup battery works.
- ❗ Wauually trigger detectors to check whether they trigger panel alarm.
- ❗ Check batteries of all detectors to see whether they are under voltage.

## Notice

Alarm equipment, for explosion-proof design, shall not directly be used in hazardous location. Do not dismantle, repair and modify products privately. Without permit and consent from relevant department, do not directly set "110", "119" or alarm phone number of police station as alarm phone number of the host.



FC CE RoHS